

CLAIMS

1. A device for taking liquid bone marrow samples, comprising an element shaped as a hollow needle, having at one end a prehension body including a handle (4) and an insertion end (22) at the other end, said device being characterized in
5 that the insertion end (22) is closed at its top and has lateral aspiration holes (21), and in that said hollow needle forms, at its prehension end, a hollow perforating rod (24), protruding into a housing (L) of the prehension body (20), fit to pierce a watertight diaphragm (27) of a vacuum chamber (26).
2. The device according to Claim 1, characterized in that the diameter of said
10 lateral aspiration holes (21) is smaller than the inner diameter of said needle.
3. The device according to Claim 1 or Claim 2, wherein an axis of each aspiration hole (21) forms, with respect to a penetration axis of said needle (23), an angle of at least 90°.
4. The device according to Claim 1, further comprising a removable cap (25)
15 of the needle perforating rod, adapted to said housing (L) of the prehension body (20), in order to provide the operator with a pushing surface across said housing.
5. The device according to Claim 1, wherein said vacuum chamber has an outer shape fit to be inserted in the housing of said prehension body (20), in order to provide the operator with a pushing surface across said housing (L).
- 20 6. The device according to Claim 1, further comprising a series of vacuum chambers shaped as capsules (26), said capsules being different one each other, to designate each final destination.